

TRANSACTIONS OF THE AMERICAN MATHEMATICAL SOCIETY  
INDEX, VOLUMES 51-60

1942-1946

	VOL.	PAGES
ADAMS, C. R., and MORSE, A. P. On approximating certain integrals by sums. ....	53 <sub>2</sub>	363-426
AGNEW, R. P. Analytic extension by Hausdorff methods. ...	52 <sub>2</sub>	217-237
ALAOGLU, L., and ERDÖS, P. On highly composite and similar numbers. ....	56 <sub>2</sub>	448-469
ALBERT, A. A. Quasigroups. I. ....	54 <sub>2</sub>	507-519
— Quasigroups. II. ....	55 <sub>2</sub>	401-419
— Errata for Quasigroups. II. ....	56 <sub>2</sub>	570
— On Jordan algebras of linear transformations. ....	59 <sub>2</sub>	524-555
ALBERT, G. E., and YOUNGS, J. W. T. The structure of locally connected topological spaces. ....	51 <sub>2</sub>	637-654
ALEXANDROFF, P. On homological situation properties of complexes and closed sets. ....	54 <sub>2</sub>	286-339
ALLENDORFER, C. B., and WEIL, A. The Gauss-Bonnet theorem for Riemannian polyhedra. ....	53 <sub>1</sub>	101-129
AMBROSE, W. Structure theorems for a special class of Banach algebras. ....	57 <sub>2</sub>	364-386
BAER, R. A unified theory of projective spaces and finite abelian groups. ....	52 <sub>2</sub>	283-343
— A theory of crossed characters. ....	54 <sub>1</sub>	103-170
— The fundamental theorems of elementary geometry. An axiomatic analysis. ....	56 <sub>1</sub>	94-129
— Errata for The fundamental theorems of elementary geometry. An axiomatic analysis. ....	56 <sub>2</sub>	570
— Representations of groups as quotient groups. I. ....	58 <sub>2</sub>	295-347
— Representations of groups as quotient groups. II. Minimal central chains of a group. ....	58 <sub>2</sub>	348-389
— Representations of groups as quotient groups. III. Invariant classes of related representations. ....	58 <sub>2</sub>	390-419
— Errata for Representations of groups as quotient groups. I. ....	60 <sub>2</sub>	550
BARTELS, R. C. F. Torsion of hollow cylinders. ....	53 <sub>1</sub>	1-13
BECKENBACH, E. F., and BING, R. H. On generalized convex functions. ....	58 <sub>2</sub>	220-230
BECKENBACH, E. F., and READE, M. Mean-values and harmonic polynomials. ....	53 <sub>2</sub>	230-238

	VOL.	PAGES
BELL, E. T. Separable diophantine equations.....	57 <sub>1</sub>	86-101
BELL, P. O. A study of the projective differential geometry of surfaces by means of a modified tensor analysis.....	60 <sub>1</sub>	22- 50
BERGMAN, S. Linear operators in the theory of partial differ- ential equations.....	53 <sub>1</sub>	130-155
— Certain classes of analytic functions of two real vari- ables and their properties.....	57 <sub>1</sub>	299-331
— Errata for Certain classes of analytic functions of two real variables and their properties.....	58 <sub>1</sub>	474
— A class of harmonic functions in three variables and their properties.....	59 <sub>1</sub>	216-247
BERGMAN, S., and SPENCER, D. C. On distortion in pseudo- conformal mapping.....	51 <sub>1</sub>	133-163
BERNSTEIN, B. A. Postulate-sets for Boolean rings.....	55 <sub>1</sub>	393-400
BERS, L., and GELBART, A. On a class of functions defined by partial differential equations.....	56 <sub>1</sub>	67- 93
BING, R. H. Concerning simple plane webs.....	60 <sub>1</sub>	133-148
BING, R. H., and BECKENBACH, E. F. On generalized convex functions.....	58 <sub>1</sub>	220-230
BIRKHOFF, G. Metric foundations of geometry. I.....	55 <sub>1</sub>	465-492
BIRKHOFF, G., and BIRKHOFF, G. D. Distributive postulates for systems like Boolean algebras.....	60 <sub>1</sub>	3- 11
GEORGE DAVID BIRKHOFF.....	60 <sub>1</sub>	Frontis- piece
BIRKHOFF, G. D., and BIRKHOFF, G. Distributive postulates for systems like Boolean algebras.....	60 <sub>1</sub>	3- 11
BIRKHOFF, G. D., and LEWIS, D. C. Chromatic polynomials	60 <sub>1</sub>	355-451
BLUMENTHAL, L. M. Metric characterization of elliptic space	59 <sub>1</sub>	381-400
BOURGIN, D. G. A class of sequences of functions.....	60 <sub>1</sub>	478-518
BOURGIN, D. G., and MENDEL, C. W. Orthonormal sets of periodic functions of the type $\{f(nx)\}$ .....	57 <sub>1</sub>	332-363
BRANDT, A. J. The free Lie ring and Lie representations of the full linear group.....	56 <sub>1</sub>	528-536
BRUCK, R. H. Some results in the theory of quasigroups...	55 <sub>1</sub>	19- 52
— Some results in the theory of linear non-associative algebras.....	56 <sub>1</sub>	141-199
— Contributions to the theory of loops.....	60 <sub>1</sub>	245-354
BUSEMANN, H. On spaces in which two points determine a geodesic.....	54 <sub>1</sub>	171-184
— Local metric geometry.....	56 <sub>1</sub>	200-274
CAMERON, R. H., and MARTIN, W. T. Infinite linear differ- ence equations with arbitrary real spans and first degree		

	VOL.	PAGES
coefficients.....	54 <sub>1</sub>	1- 22
— Transformations of Wiener integrals under a general class of linear transformations.....	58 <sub>2</sub>	184-219
CHANG, S. C. A new foundation of the projective differential theory of curves in five-dimensional space.....	59 <sub>1</sub>	132-165
CHEVALLEY, C. Some properties of ideals in rings of power series.....	55 <sub>1</sub>	68- 84
— Intersections of algebraic and algebroid varieties.....	57 <sub>1</sub>	1- 85
CHRISTIE, D. E. Net homotopy for compacta.....	56 <sub>2</sub>	275-308
COBURN, N. Congruences in unitary space.....	53 <sub>1</sub>	25- 40
COHEN, I. S. On the structure and ideal theory of complete local rings.....	59 <sub>1</sub>	54-106
COHEN, I. S., and KAPLANSKY, I. Rings with a finite number of primes. I.....	60 <sub>3</sub>	468-477
DAY, M. M. Ergodic theorems for abelian semi-groups.....	51 <sub>2</sub>	399-412
— Operations in Banach spaces.....	51 <sub>3</sub>	583-608
— Arithmetic of ordered systems.....	58 <sub>1</sub>	1- 43
DECICCO, J. Dynamical and curvature trajectories in space	57 <sub>2</sub>	270-286
— Equilong maps of the $\infty^2$ circles.....	59 <sub>1</sub>	42- 53
DECICCO, J., and KASNER, E. The general invariant theory of irregular analytic arcs or elements.....	51 <sub>2</sub>	232-254
— A generalized theory of dynamical trajectories.....	54 <sub>1</sub>	23- 38
— Geometry of the Fourier heat equation.....	60 <sub>1</sub>	119-132
DILWORTH, R. P. Lattices with unique complements.....	57 <sub>1</sub>	123-154
DOOB, J. L. Topics in the theory of Markoff chains.....	52 <sub>1</sub>	37- 64
— Markoff chains—denumerable case.....	58 <sub>2</sub>	455-473
DOYLE, T. C. Tensor theory of invariants for the projective differential geometry of a curved surface.....	55 <sub>2</sub>	306-348
DUNFORD, N. Spectral theory. I. Convergence to projections	54 <sub>2</sub>	185-217
DUNFORD, N., and MILLER, D. S. On the ergodic theorem..	60 <sub>2</sub>	538-549
DUNFORD, N., and SCHATTEN, R. On the associate and conjugate space for the direct product of Banach spaces....	59 <sub>1</sub>	430-436
DUTHIE, W. D. Segments of ordered sets.....	51 <sub>1</sub>	1- 14
EILENBERG, S., and MACLANE, S. General theory of natural equivalences.....	58 <sub>2</sub>	231-294
ERDÖS, P. Note on the converse of Fabry's gap theorem...	57 <sub>1</sub>	102-104
ERDÖS, P., and ALAOGU, L. On highly composite and similar numbers.....	56 <sub>1</sub>	448-469
EVERETT, C. J. Closure operators and galois theory in lattices	55 <sub>2</sub>	514-525
EVERETT, C. J., and ULAM, S. On ordered groups.....	57 <sub>2</sub>	208-216
FEDERER, H. Surface area. I.....	55 <sub>2</sub>	420-437

	VOL.	PAGES
— Surface area. II .....	55 <sub>2</sub>	438-456
— The Gauss-Green theorem .....	58 <sub>1</sub>	44-76
— Coincidence functions and their integrals .....	59 <sub>2</sub>	441-466
FELLER, W. Generalization of a probability limit theorem of Cramér .....	54 <sub>2</sub>	361-372
— The general form of the so-called law of the iterated logarithm .....	54 <sub>2</sub>	373-402
— Errata for On the integro-differential equations of the purely discontinuous Markoff processes .....	58 <sub>2</sub>	474
FIALKOW, A. The conformal theory of curves .....	51 <sub>2</sub>	435-501
— Conformal differential geometry of a subspace .....	56 <sub>2</sub>	309-433
— Errata for Conformal differential geometry of a subspace .....	56 <sub>2</sub>	570
FITE, W. B. The degree of a linear homogeneous group. . .	56 <sub>1</sub>	1-6
FOSTER, A. L. The theory of Boolean-like rings .....	59 <sub>1</sub>	166-187
FRIEDRICHS, K. O. The identity of weak and strong extensions of differential operators .....	55 <sub>1</sub>	132-151
FRINK, O. Topology in lattices .....	51 <sub>2</sub>	569-582
— Complemented modular lattices and projective spaces of infinite dimension .....	60 <sub>2</sub>	452-467
GELBART, A., and BERS, L. On a class of functions defined by partial differential equations .....	56 <sub>1</sub>	67-93
GORN, S. Homomorphisms and modular functionals .....	51 <sub>1</sub>	103-116
GREVILLE, T. N. E. Regularity of label-sequences under configuration transformations .....	54 <sub>2</sub>	403-413
GROVE, V. G. A general theory of surfaces and conjugate nets .....	57 <sub>1</sub>	105-122
HALL, M. Projective planes .....	54 <sub>2</sub>	229-277
HALMOS, P. R. Approximation theories for measure preserving transformations .....	55 <sub>1</sub>	1-18
HAY, G. E. The finite displacement of thin rods .....	51 <sub>1</sub>	65-102
HEDLUND, G. A., and MORSE, M. Manifolds without conjugate points .....	51 <sub>2</sub>	362-386
HEINS, M. H. On a problem of Walsh concerning the Hadamard three circles theorem .....	55 <sub>2</sub>	349-372
— On the Phragmén-Lindelöf principle .....	60 <sub>2</sub>	238-244
HELSEL, R. G., and RADÓ, T. The transformation of double integrals .....	54 <sub>1</sub>	83-102
HERRIOT, J. G. Nörlund summability of double Fourier series .....	52 <sub>1</sub>	72-94
HERZBERGER, M. J. Direct methods in geometrical optics .....	53 <sub>2</sub>	218-229
HESTENES, M. R. The Weierstrass $E$ -function in the calculus of variations .....	60 <sub>1</sub>	51-71



	VOL.	PAGES
— Theorem of Lindeberg in the calculus of variations....	60 <sub>1</sub>	72- 92
— Sufficient conditions for the isoperimetric problem of Bolza in the calculus of variations.....	60 <sub>1</sub>	93-118
HILLE, E. On the oscillation of differential transforms. II. Characteristic series of boundary value problems.....	52 <sub>3</sub>	463-497
— Remarks on ergodic theorems.....	57 <sub>2</sub>	246-269
HOLTOM, C. Permanent configurations in the $n$ -body problem	54 <sub>3</sub>	520-543
HUA, L. K. On the number of partitions of a number into unequal parts.....	51 <sub>1</sub>	194-201
— On the distribution of quadratic non-residues and the euclidean algorithm in real quadratic fields. I.....	56 <sub>3</sub>	537-546
— Geometries of matrices. I. Generalizations of von Staudt's theorem.....	57 <sub>3</sub>	441-481
— Geometries of matrices. I. Arithmetical construction..	57 <sub>3</sub>	482-490
— Errata for Geometries of matrices. I. Generalizations of von Staudt's theorem.....	58 <sub>3</sub>	474
— Orthogonal classification of Hermitian matrices.....	59 <sub>3</sub>	508-523
HUA, L. K., and MIN, S. H. On the distribution of quadratic non-residues and the euclidean algorithm in real quadratic fields. II.....	56 <sub>3</sub>	547-569
JACKSON, D. The boundedness of certain sets of orthonormal polynomials in one, two, and three variables.....	58 <sub>2</sub>	167-183
JACOBSON, N. Structure theory of simple rings without finiteness assumptions.....	57 <sub>2</sub>	228-245
JOHNSON, R. E. On structures of infinite modules.....	53 <sub>3</sub>	469-489
KAC, M. On the average of a certain Wiener functional and a related limit theorem in calculus of probability.....	59 <sub>3</sub>	401-414
KAPLANSKY, I., and COHEN, I. S. Rings with a finite number of primes. I.....	60 <sub>3</sub>	468-477
KASNER, E., and DECICCO, J. The general invariant theory of irregular analytic arcs or elements.....	51 <sub>2</sub>	232-254
— A generalized theory of dynamical trajectories.....	54 <sub>1</sub>	23- 38
— Geometry of the Fourier heat equation.....	60 <sub>1</sub>	119-132
KELLEY, J. L. Hyperspaces of a continuum.....	52 <sub>1</sub>	22- 36
KERSHNER, R. The continuity of functions of many variables.....	53 <sub>1</sub>	83-100
KLEENE, S. C. Recursive predicates and quantifiers.....	53 <sub>1</sub>	41- 73
KOBER, H. On the approximation to integrable functions by integral functions.....	54 <sub>1</sub>	70- 82
— Approximation by integral functions in the complex domain.....	56 <sub>1</sub>	7- 31

	VOL.	PAGES
KOHN, W. Contour integration in the theory of the spherical pendulum and the heavy symmetrical top.....	59 <sub>1</sub>	107-131
KOLCHIN, E. R. On the basis theorem for differential systems	52 <sub>1</sub>	115-127
LANGER, R. E. A theory for ordinary differential boundary problems of the second order and of the highly irregular type.....	53 <sub>2</sub>	292-361
— George David Birkhoff, 1884-1944.....	60 <sub>1</sub>	1- 2
LEVI, H. On the structure of differential polynomials and on their theory of ideals.....	51 <sub>2</sub>	532-568
LEVIT, R. J. Fields in terms of a single operation.....	57 <sub>2</sub>	426-440
LEWIS, D. C., and BIRKHOFF, G. D. Chromatic polynomials	60 <sub>2</sub>	355-451
LING, D. P. Geodesics on surfaces of revolution.....	59 <sub>2</sub>	415-429
LOO, C. T. Two Tauberian theorems in the theory of Fourier series.....	56 <sub>2</sub>	508-518
— Note on the strong summability of Fourier series.....	56 <sub>2</sub>	519-527
LOOMIS, L. H. The converse of the Fatou theorem for positive harmonic functions.....	53 <sub>2</sub>	239-250
LORCH, E. R. The spectrum of linear transformations.....	52 <sub>2</sub>	238-248
— The theory of analytic functions in normed abelian vector rings.....	54 <sub>2</sub>	414-425
McSHANE, E. J. Sufficient conditions for a weak relative minimum in the problem of Bolza.....	52 <sub>2</sub>	344-379
MACCOLL, L. A. Geometrical characterizations of some families of dynamical trajectories.....	60 <sub>1</sub>	149-166
MACKEY, G. W. On infinite-dimensional linear spaces... ..	57 <sub>2</sub>	155-207
— On convex topological linear spaces.....	60 <sub>2</sub>	519-537
MACLANE, S., and EILENBERG, S. General theory of natural equivalences.....	58 <sub>2</sub>	231-294
MAHARAM, D. On measure in abstract sets.....	51 <sub>2</sub>	413-433
MANDELBROJT, S. Quasi-analyticity and analytic continuation—a general principle.....	55 <sub>1</sub>	96-131
MANDELBROJT, S., and ULRICH, F. E. On a generalization of the problem of quasi-analyticity.....	52 <sub>2</sub>	265-282
MARTIN, M. H. The restricted problem of three bodies....	52 <sub>2</sub>	522-538
MARTIN, W. T., and CAMERON, R. H. Infinite linear difference equations with arbitrary real spans and first degree coefficients.....	54 <sub>1</sub>	1- 22
— Transformations of Wiener integrals under a general class of linear transformations.....	58 <sub>2</sub>	184-219
MENDEL, C. W., and BOURGIN, D. G. Orthonormal sets of periodic functions of the type $\{f(nx)\}$ .....	57 <sub>2</sub>	332-363

	VOL.	PAGES
MERSMAN, W. A. Heat conduction in an infinite composite solid with an interface resistance.....	53 <sub>i</sub>	14- 24
MILLER, D. S., and DUNFORD, N. On the ergodic theorem..	60 <sub>i</sub>	538-549
MIN, S. H., and HUA, L. K. On the distribution of quadratic non-residues and the euclidean algorithm in real quadratic fields. II.....	56 <sub>i</sub>	547-569
MORDELL, L. J. Further contribution to the geometry of numbers for non-convex regions.....	59 <sub>i</sub>	189-215
MORSE, A. P. A theory of covering and differentiation.....	55 <sub>i</sub>	205-235
MORSE, A. P., and ADAMS, C. R. On approximating certain integrals by sums.....	53 <sub>i</sub>	363-426
MORSE, A. P., and RANDOLPH, J. F. The $\phi$ rectifiable subsets of the plane.....	55 <sub>i</sub>	236-305
MORSE, M., and HEDLUND, G. A. Manifolds without conjugate points.....	51 <sub>i</sub>	362-386
MUHLY, H. T. Independent integral bases and a characterization of regular surfaces.....	54 <sub>i</sub>	340-360
MURRAY, F. J. Quasi-complements and closed projections in reflexive Banach spaces.....	58 <sub>i</sub>	77- 95
MYERS, S. B. Arcs and geodesics in metric spaces.....	57 <sub>i</sub>	217-227
NACHBIN, L. On linear expansions. I.....	59 <sub>i</sub>	437-440
NILSON, E. N., and WALSH, J. L. Interpolation and approximation by functions analytic and bounded in a given region.....	55 <sub>i</sub>	53- 67
NIVEN, I. Quadratic diophantine equations in the rational and quadratic fields.....	52 <sub>i</sub>	1- 11
OLDENBURGER, R. The characteristic of a quadratic form for an arbitrary field.....	53 <sub>i</sub>	454-462
OLMSTED, J. M. H. Lebesgue theory on a Boolean algebra..	51 <sub>i</sub>	164-193
ORE, O. Theory of monomial groups.....	51 <sub>i</sub>	15- 64
— Galois connexions.....	55 <sub>i</sub>	493-513
— Errata for Galois connexions.....	56 <sub>i</sub>	570
OXTOBY, J. C. Invariant measures in groups which are not locally compact.....	60 <sub>i</sub>	215-237
PALL, G. On generalized quaternions.....	59 <sub>i</sub>	280-332
PEISER, A. M. Some applications of Fourier analysis and calculus of probability to the study of real roots of algebraic equations.....	56 <sub>i</sub>	470-493
PITCHEK, E., and SMILEY, M. F. Transitivity of betweenness	52 <sub>i</sub>	95-114
POLLARD, H. A new criterion for completely monotonic functions.....	55 <sub>i</sub>	457-464
PÓLYA, G. On converse gap theorems.....	52 <sub>i</sub>	65- 71

	VOL.	PAGES
PÓLYA, G., and WIENER, N. On the oscillation of the derivatives of a periodic function.....	52 <sub>1</sub>	249-256
PORITSKY, H. Application of analytic functions to two-dimensional biharmonic analysis.....	59 <sub>1</sub>	248-279
PRENOWITZ, W. Descriptive geometries as multigroups....	59 <sub>1</sub>	333-380
PURCELL, E. J. Flat space congruences of order one in $[n]$ ..	54 <sub>1</sub>	57- 69
RADEMACHER, H. The Ramanujan identities under modular substitutions.....	51 <sub>1</sub>	609-636
RADÓ, T. On the semi-continuity of double integrals in parametric form.....	51 <sub>1</sub>	336-361
— On continuous mappings of Peano spaces.....	58 <sub>1</sub>	420-454
RADÓ, T., and HELSEL, R. G. The transformation of double integrals.....	54 <sub>1</sub>	83-102
RANDOLPH, J. F., and MORSE, A. P. The $\phi$ rectifiable subsets of the plane.....	55 <sub>1</sub>	236-305
READ, M., and BECKENBACH, E. F. Mean-values and harmonic polynomials.....	53 <sub>1</sub>	230-238
REICHELDERFER, P. V. On bounded variation and absolute continuity for parametric representations of continuous surfaces.....	53 <sub>1</sub>	251-291
REID, W. T. A new class of self-adjoint boundary value problems.....	52 <sub>1</sub>	381-425
RICKART, C. E. Integration in a convex linear topological space.....	52 <sub>1</sub>	498-521
— An abstract Radon-Nikodym theorem.....	56 <sub>1</sub>	50- 66
— Errata for An abstract Radon-Nikodym theorem....	56 <sub>1</sub>	570
RITT, J. F. Bézout's theorem and algebraic differential equations.....	53 <sub>1</sub>	74- 82
ROBINSON, R. M. Bounded univalent functions.....	52 <sub>1</sub>	426-449
SALEM, R. On some singular monotonic functions which are strictly increasing.....	53 <sub>1</sub>	427-439
— Sets of uniqueness and sets of multiplicity.....	54 <sub>1</sub>	218-228
— Sets of uniqueness and sets of multiplicity. II.....	56 <sub>1</sub>	32- 49
SALEM, R., and ZYGMUND, A. The approximation by partial sums of Fourier series.....	59 <sub>1</sub>	14- 22
— Capacity of sets and Fourier series.....	59 <sub>1</sub>	23- 41
SCHAEFFER, A. C. On the oscillation of differential transforms. III. Oscillations of the derivative of a function..	54 <sub>1</sub>	278-285
SCHATTEN, R. On the direct product of Banach spaces....	53 <sub>1</sub>	195-217
— On reflexive norms for the direct product of Banach spaces.....	54 <sub>1</sub>	498-506
SCHATTEN, R., and DUNFORD, N. On the associate and con-		



	VOL.	PAGES
jugate space for the direct product of Banach spaces...	59,	430-436
SCOTT, W. T., and WALL, H. S. The transformation of series and sequences.....	51,	255-279
SEIDEL, W., and WALSH, J. L. On the derivatives of functions analytic in the unit circle and their radii of univalence and of $p$ -valence.....	52,	128-216
SEIDENBERG, A. Valuation ideals in polynomial rings.....	57,	387-425
SHEN, Y. C. Interpolation to certain analytic functions by rational functions.....	60,	12- 21
SMILEY, M. F. An extension of metric distributive lattices with an application in general analysis.....	56,	435-447
SMILEY, M. F., and PITCHER, E. Transitivity of betweenness.....	52,	95-114
SNAPPER, E. Structure of linear sets.....	52,	257-264
SOBCZYK, A. On the extension of linear transformations....	55,	153-169
SPENCER, D. C., and BERGMAN, S. On distortion in pseudo-conformal mapping.....	51,	133-163
SZÁSZ, O. On the partial sums of harmonic developments and of power series.....	52,	12- 21
— On the partial sums of Fourier series at points of discontinuity.....	53,	440-453
— On some trigonometric summability methods and Gibbs' phenomenon.....	54,	483-497
SZEGÖ, G. On the oscillation of differential transforms. I....	52,	450-462
— On the oscillation of differential transforms. IV. Jacobi polynomials.....	53,	463-468
TRJITZINSKY, R. J. Singular integral equations with Cauchy kernels.....	60,	167-214
TRUESDELL, C. The membrane theory of shells of revolution	58,	96-166
ULAM, S., and EVERETT, C. J. On ordered groups.....	57,	208-216
ULRICH, F. E., and MANDELBROJT, S. On a generalization of the problem of quasi-analyticity.....	52,	265-282
VANDIVER, H. S. An arithmetical theory of the Bernoulli numbers.....	51,	502-531
VINOGRADO, B. Cleft rings.....	56,	494-507
WALD, A. Tests of statistical hypotheses concerning several parameters when the number of observations is large...	54,	426-482
WALL, H. S., and SCOTT, W. T. The transformation of series and sequences.....	51,	255-279
WALL, H. S., and WETZEL, M. Contributions to the analytic theory of $J$ -fractions.....	55,	373-392
WALLACE, A. D. Extension sets.....	59,	1- 13



	VOL.	PAGES
— Errata for Extension sets.....	59,	556
WALSH, J. L., and NILSON, E. N. Interpolation and approximation by functions analytic and bounded in a given region.....	55,	53- 67
WALSH, J. L., and SEIDEL, W. On the derivatives of functions analytic in the unit circle and their radii of univalence and of $p$ -valence .....	52,	128-216
WARSCHAWSKI, S. E. On conformal mapping of infinite strips	51,	280-335
WEIL, A., and ALLENDOERFER, C. B. The Gauss-Bonnet theorem for Riemannian polyhedra:.....	53,	101-129
WERNICK, W. Complete sets of logical functions.....	51,	117-132
WETZEL, M., and WALL, H. S. Contributions to the analytic theory of $J$ -fractions.....	55,	373-392
WEYL, H. Theory of reduction for arithmetical equivalence. II.....	51,	203-231
WHYBURN, G. T. Coherent and saturated collections.....	57,	287-298
WIDDER, D. V. Completely convex functions and Lidstone series.....	51,	387-398
— Positive temperatures on an infinite rod.....	55,	85- 95
WIENER, N., and PÓLYA, G. On the oscillation of the derivatives of a periodic function.....	52,	249-256
WONG, Y. C. Some Einstein spaces with conformally separable fundamental tensors.....	53,	157-194
— Contributions to the theory of surfaces in a 4-space of constant curvature.....	59,	467-507
— Errata for Contributions to the theory of surfaces in a 4-space of constant curvature.....	60,	550
YOUNGS, J. W. T., and ALBERT, G. E. The structure of locally connected topological spaces.....	51,	637-654
ZARISKI, O. Foundations of a general theory of birational correspondences.....	53,	490-542
— The theorem of Bertini on the variable singular points of a linear system of varieties.....	56,	130-140
ZYGMUND, A. A property of the zeros of Legendre polynomials.....	54,	39- 56
— On certain integrals.....	55,	170-204
ZYGMUND, A., and SALEM, R. The approximation by partial sums of Fourier series.....	59,	14- 22
— Capacity of sets and Fourier series.....	59,	23- 41